

Internation Application No PCT/EP 03/12699

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K39/00 A61K49/16 A61P35/00 A61K39/395

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC  $\,7\,$  A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, MEDLINE, WPI Data, PAJ, CHEM ABS Data

Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	WO 91 03493 A (UNIV SOUTHAMPTON) 21 March 1991 (1991-03-21)	1-6,12, 18,19
Y	the whole document	7-11, 13-17, 20,21
X	EP 0 404 097 A (BEHRINGWERKE AG) 27 December 1990 (1990-12-27) cited in the application	1,2,4-6, 12,18,19
Υ	page 2, line 1 —page 3, line 46; claims 1-11	1-21
X	WO 93 11161 A (ENZON INC) 10 June 1993 (1993-06-10) cited in the application	1-6,12, 18,19
Υ	page 4, line 14 -page 7, line 31; claims 1-18 page 13, line 8 -page 17, line 33	1-21
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Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
2 March 2004	11/03/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3018	Greif, G



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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Palarant to claim No.
Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 447 776 B1 (BECKER KARL-FRIEDRICH ET AL) 10 September 2002 (2002-09-10) cited in the application column 4, line 66 -column 5, line 67; table 2 column 8, line 46 -column 9, line 58	7,8
Y	ARTEAGA DE MURPHY C ET AL: "PHOSPHINE REDUCED IGG: A NEW METHOD FOR 99MTC LABELING IMMUNOGLOBULINS" JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, ARTICLES, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 220, no. 1, 1997, pages 41-45, XP000199389 the whole document	11,12, 14,17,18
Y	EP 0 419 203 A (IMMUNOMEDICS INC) 27 March 1991 (1991-03-27) the whole document	11,12, 14,17,18
Y	YASUSHI FUJIOKA ET AL: "Renal metabolism of 3'-iodohippuryl N-maleoyl -L-Lysine (HML)-conjugated Fab fragments" BIOCONJUGATE CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 12, no. 2, March 2001 (2001-03), pages 178-185, XP001165761 ISSN: 1043-1802 abstract; figure 2	12,13
Y	SAVIRANTA PETRI ET AL: "In vitro enzymatic biotinylation of recombinant Fab fragments through a peptide acceptor tail" BIOCONJUGATE CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 9, no. 6, November 1998 (1998-11), pages 725-735, XP002159053 ISSN: 1043-1802 the whole document	9,10,20, 21
Υ	SENEKOWITSCH-SCHMIDTKE REINGARD ET AL: "Highly specific tumor binding of a 213Bi-labeled monoclonal antibody against mutant E-cadherin suggests its usefulness for locoregional alpha-radioimmunotherapy of diffuse-type gastric cancer" CANCER RESEARCH, vol. 61, no. 7, 1 April 2001 (2001-04-01), pages 2804-2808, XP001179836 ISSN: 0008-5472 the whole document	1-7,11, 12,14



Internation Application No
PCT/EP 03/12699

		101/11 03/12033
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	neisvan to claim 140.
P,Y	MIEDERER MATTHIAS ET AL: "Comparison of the radiotoxicity of two alpha-particle-emitting immunoconjugates, terbium-149 and bismuth-213, directed against a tumor-specific, exon 9 deleted (d9) E-cadherin adhesion protein." RADIATION RESEARCH, vol. 159, no. 5, May 2003 (2003-05), pages 612-620, XP009026798 ISSN: 0033-7587 (ISSN print) the whole document	1-7,11,
P,Y	HUBER ROSWITHA ET AL: "Locoregional alpha-radioimmunotherapy of intraperitoneal tumor cell dissemination using a tumor-specific monoclonal antibody."  CLINICAL CANCER RESEARCH: AN OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH. UNITED STATES 1 SEP 2003, vol. 9, no. 10 Pt 2, 1 September 2003 (2003-09-01), pages 39225-85, XP001179837 ISSN: 1078-0432 the whole document	1-7,11, 12,14
A	US 5 274 119 A (FRAZIER KEVIN A ET AL) 28 December 1993 (1993-12-28) the whole document	1-21
A	ANELLI ET AL: "L-Glutamic acid and L-lysine as useful building blocks for the preparation of bifunctional DTPA-like ligands" BIOCONJUGATE CHEMISTRY, vol. 10, no. 1, 1999, pages 137-140,ABSTRACT, XP002115959 the whole document	1-21





Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.:     because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 1-2,4-6,8-21(all in parts) because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-2,4-6,8-21(a) in parts)

Present claims 1, 19, 20 and 21 relate to an agent for the diagnosis or treatment of tumors, whereby the part of the agent corresponding to the recognition unit is defined with respect of the characteristics of the tumor. Said definition is so unclear, and thus represents an undue burden in order to determine what tumors fall under said definition, and consequently what the characteristics of the recognition unit should be. As a result, the claims contain so many options, variables, and possible tumor types that a lack of clarity (and/or conciseness) within the meaning of Article 6 PCT arises to such an extent as to render a meaningful search of the claim impossible.

Present claim 2 relates to an extremely large number of possible compounds, namely immunoglobulins or fragments thereof, polypeptides and polysaccharides.

Claims 5 and 6 relate to a great number of possible proteins altered as a result of a variety of a mutation. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible.

Consequently, the search has been carried out for those parts of the application which do appear to be clear (and/or concise), namely those agents recited in the examples, as well as the parts of the agent for the diagnosis or treatment of tumors as defined in claims 3, 7, 8, 12-17.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.



Internation Application No
PCT/EP 03/12699

Patient family   Patient family   Cate   C							03/12099
EP 0404097 A 27-12-1990 DE 3920358 A1 17-01-1991 AT 142230 T 15-09-1996 AU 639241 B2 22-07-1993 AU 5762190 A 03-01-1991 DE 59010480 D1 10-10-1996 DK 404097 T3 10-02-1997 EP 0404097 A2 27-12-1990 ES 2093623 T3 01-01-1997 EP 0404097 A2 27-12-1990 ES 2093623 T3 01-01-1997 EP 0404097 A2 27-12-1990 ES 2093623 T3 01-01-1997 IE 902254 A1 16-01-1991 JP 2978210 B2 15-11-1999 JP 3048699 A 01-03-1991 KR 183990 B1 01-04-1999 JP 3048699 A 01-03-1991 RU 2096459 C1 20-11-1997 RU 2096459 C1 20-11-1997 RU 2096459 C1 20-11-1997 WO 9311161 A 10-06-1993 AT 207080 T 15-11-2001 AU 3178993 A 28-06-1993 CA 2122732 A1 10-06-1993 DE 69232137 D1 22-11-2001 DE 6							
AT 142230 T 15-09-1996 AU 639241 B2 22-07-1993 AU 5762190 A 03-01-1991 CA 2019559 A1 22-12-1990 DE 59010480 D1 10-10-1996 DK 404097 T3 10-02-1997 EP 0404097 A2 27-12-1990 ES 2093623 T3 01-01-1997 GR 3021109 T3 31-12-1996 IE 902254 A1 16-01-1991 JP 2978210 B2 15-11-1999 JP 3048699 A 01-03-1991 KR 183980 B1 01-04-1991 JP 2978210 B2 15-11-1997 KR 183980 B1 01-04-1999 PT 94434 A, B 08-02-1991 RU 2096459 C1 20-11-1997 US 5591828 A 07-01-1997 WO 9311161 A 10-06-1993 AT 207080 T 15-11-2001 DE 69232137 D1 22-11-2001 DE 69232137 T1 22-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 66-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 WO 9311161 A1 10-06-1993 US 6127125 A 22-02-2000 US 6103889 A 19-05-1999 US 6615110 B1 04-02-2003 US 612424 A 19-09-2000 US 6103889 A 15-08-2000 US 6103889 A 15-08-2000 US 6103889 A 15-08-2000 US 6103889 A 15-08-2000 US 66103889 A 15-08-2000 US 66103889 A 19-05-1999 US 6615110 B1 04-02-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 640698 B2 02-09-1993 AU 652165 A 15-02-2000 DE 69011789 T1 15-12-1994 DE 69011789 T2 15-12-1994 DE 69011789 T3 15-03-1991 DE 9723 A 31-08-1995 DE 90419203 A1 27-03-1991 DE 90419203 A1 27-03-1993 DE 90419203 A1	WO	9103493	A	21-03-1991			
AU 639241 B2 22-07-1993 AU 5762190 A 03-01-1991 CA 2019559 A1 22-12-1990 DE 59010480 D1 10-10-1996 DK 404097 T3 10-02-1997 EP 0404097 A2 27-12-1990 ES 2039623 T3 01-01-1997 GR 3021109 T3 31-12-1996 IE 902254 A1 16-01-1991 JP 2978210 B2 15-11-1999 JP 3048699 A 01-03-1991 KR 183980 B1 01-04-1999 JP 3048699 A 01-03-1991 KR 183980 B1 01-04-1999 PT 94443 A, B 08-02-1991 RU 2096459 C1 20-11-1997 RU 2096459 C1 20-11-1997 US 5591828 A 07-01-1997 AU 3178993 A 28-06-1993 CA 2122732 A1 10-06-1993 CA 2122732 A1 10-06-1993 DE 69232137 D1 22-11-2001 DE 69232137 D1 22-11-2001 DE 69232137 D1 22-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 10617706 A1 05-10-1994 ES 2165951 T3 01-04-2002 JP 7501451 T 16-02-1994 DE 6927725 A 22-02-2000 US 6127424 A 19-09-2000 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 613656 A 15-08-2000 US 612783 A 19-08-2000 US 613689 A 15-08-2000 US 6615110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1994 DE 69011789 D1 29-09-1994 DE 69	EP	0404097	A	27-12-1990			
AU 5762190 A 03-01-1991 CA 2019559 A1 22-12-1990 DE 59010480 D1 10-10-1996 DK 404097 73 10-02-1997 EP 0404097 73 10-02-1997 EP 0404097 742 27-12-1990 ES 2093623 T3 01-01-1997 GR 3021109 T3 31-12-1996 IE 902254 A1 16-01-1991 JP 2978210 B2 15-11-1999 JP 3048699 A 01-03-1991 KR 183980 B1 01-04-1999 PT 94443 A, B 08-02-1991 KR 183980 B1 01-04-1999 PT 94443 A, B 08-02-1991 US 5591828 A 07-01-1997 US 5591828 A 07-01-1997 WO 9311161 A 10-06-1993 AT 207080 T 15-11-2001 AU 3178993 A 28-06-1993 DE 69232137 D1 22-11-2001 DE 69232137 D1 22-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 US 6027725 A 22-02-2000 US 6121244 A 19-09-2000 US 612889 A 15-08-2000 US 612806 A 15-02-2000 US 612889 A 15-08-2000 US 612866 A 15-02-2000 US 612889 A 15-08-2000 US 612865 A 15-02-2000 US 612865 A 15-02-2000 US 6515110 B1 04-02-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 6621490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 T2 15-12-1994 DE 69011789 T3 05-12-1994 DE 69011789 T3 05-12-1994 DE 69011789 T3 12-10-1995 DE 69011789 T3 15-12-1994 DE 69011789							
DE 59010480 D1 10-10-1996   DK 404097 T3 10-02-1997   EP 0404097 A2 27-12-1990   ES 2093623 T3 01-01-1997   GR 3021109 T3 31-12-1996   IE 902254 A1 16-01-1991   JP 2978210 B2 15-11-1999   JP 3048699 A 01-03-1991   KR 183980 B1 01-04-1999   PT 9443 A , B 08-02-1991   RU 2096459 C1 20-11-1997   US 5591828 A 07-01-1997   US 5591828 A 07-01-1997   US 5591828 A 07-01-1997   US 69232137 D1 22-11-2001   DE 69232137 D1 22-11-2001   EP 1136556 A1 26-09-2001   EP 0617706 T3 12-11-2001   EP 0617706 A1 05-10-1994   ES 2165851 T3 01-04-2002   JP 7501461 T 16-02-1995   WO 9311161 A1 10-06-1993   US 6027725 A 22-02-2000   US 612424 A 19-09-2000   US 612424 A 19-09-2000   US 612424 A 19-09-2000   US 612424 A 19-09-2000   US 625165 A 15-02-2000   US 612424 A 19-09-2000   US 6515110 B1 04-02-2003   US 612424 A 19-09-2000   US 6515110 B1 04-02-2003   EP 0419203 A 27-03-1991   AU 6521490 A 18-04-1991   CA 1340250 C 15-12-1998   DE 69011789 D1 29-09-1994   DE 6					ΑU		
DK 404097 T3 10-02-1997 EP 0404097 A2 27-12-1990 ES 2093623 T3 01-01-1997 6R 3021109 T3 31-12-1996 IE 902254 A1 16-01-1991 JP 2978210 B2 15-11-1999 JP 3048699 A 01-03-1991 KR 183980 B1 01-04-1999 PT 94443 A , B 08-02-1991 RU 2096459 C1 20-11-1997 US 5591828 A 07-01-1997 WO 9311161 A 10-06-1993 AT 207080 T 15-11-2001 AU 3178993 A 28-06-1993 CA 2122732 A1 10-06-1993 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 WO 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6025165 A 15-02-2000 US 6121424 A 19-09-2000 US 6025165 A 15-02-2000 US 6121424 A 19-09-2000 US 6625165 A 15-02-2000 US 6625165 A 15-02-2000 US 66447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 US 5869620 A 09-02-1999 US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 DE 69011789 D1 29-09-1994 D1 29032 D1 29032 D1 29032 D1 29032 D1							
EP 0404097 A2 27-12-1990 ES 2093623 T3 01-01-1997 GR 3021109 T3 31-12-1996 IE 902254 A1 16-01-1991 JP 2978210 B2 15-11-1999 JP 3048699 A 01-03-1991 KR 183980 B1 01-04-1999 PT 94443 A, B 08-02-1991 RU 2096459 C1 20-11-1997 US 5591828 A 07-01-1997 WO 9311161 A 10-06-1993 AT 207080 T 15-11-2001 AU 3178993 A 28-06-1993 CA 2122732 A1 10-06-1993 DE 69232137 D1 22-11-2001 DE 69232137 T1 22-015-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 WO 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 613889 A 15-08-2000 US 6103889 A 15-08-2000 US 6103889 A 15-08-2000 US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 T1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 DF 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FF 941146 A 17-03-1992 IE 903360 A1 10-04-1991 II 99723 A 31-08-1995 FF 921146 A 17-03-1995 FF 921146 A 17-03-1995 FF 921146 A 17-03-1995 FF 921146 A 17-03-1995 FF 921346 A 17-03-1995 FF 921346 A 17-03-1995							
ES 2093623 T3 01-01-1996 RR 3021109 T3 31-12-1996 IE 902254 A1 16-01-1991 JP 2978210 B2 15-11-1999 JP 3048699 A 01-03-1991 KR 183980 B1 01-04-1999 PT 94443 A, B 08-02-1991 RU 2096459 C1 20-11-1997 US 5591828 A 07-01-1997  WO 9311161 A 10-06-1993 AT 207080 T 15-11-2001 AU 3178993 A 28-06-1993 CA 2122732 A1 10-06-1993 DE 69232137 D1 22-11-2001 DE 69232137 D1 22-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 013706 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 WO 9311161 A1 10-06-1993 US 602755 A 22-02-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 613889 A 15-08-2000 US 615100 B1 04-02-2003 US 6515110 B1 04-02-2003 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 6515110 B1 04-02-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1994 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1995 FI 921146 A 17-03-1995 IE 903360 A1 10-04-1991 IL 995723 A 31-08-1995							
RR   3021109 T3   31-12-1996   IE   902254 A1   16-01-1991   JP   2978210 B2   15-11-1999   JP   2978210 B2   15-11-1999   JP   3048699 A   01-03-1991   KR   183980 B1   01-04-1999   PT   94443 A , B   08-02-1991   RU   2096459 C1   20-11-1997   US   5591828 A   07-01-1997   US   69232137   US   22-01-2001   US   69232137   US   22-11-2001   US   69232137   US   22-11-2001   US   6127706   T3   12-11-2001   US   6127706   A1   05-10-1994   US   617706   A1   05-10-1994   US   6127725   A   22-02-2000   US   6127425   A   22-02-2000   A   22-02-2000   A   22-02-2000   A   22-02-2000   A   22-02-2000   A   22-02-							
JP 2978210 B2 15-11-1999 JP 3048699 A 01-03-1991 KR 183980 B1 01-04-1999 PT 94443 A , B 08-02-1991 RU 2096459 C1 20-11-1997 US 5591828 A 07-01-1997 W0 9311161 A 10-06-1993 AT 207080 T 15-11-2001 AU 3178993 A 28-06-1993 CA 2122732 A1 10-06-1993 DE 69232137 D1 22-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 W0 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 613889 A 15-08-2000 US 615110 B1 04-02-2003 US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 US 6515110 B1 04-02-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1998 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DE 69011789 T2 15-12-1994 DE 69011789 T2 15-12-1994 DE 69011789 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2003360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
JP   3048699 A   01-03-1991							
KR							
PT							
RU 2096459 C1 20-11-1997  WO 9311161 A 10-06-1993 AT 207080 T 15-11-2001 AU 3178993 A 28-06-1993 CA 2122732 A1 10-06-1993 DE 69232137 D1 22-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7561451 T 16-02-1995 WO 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 6123899 A 15-08-2000 US 6515110 B1 04-02-2003 US 6515110 B1 04-02-2003 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1998 AU 640698 B2 02-09-1993 AU 640698 B2 02-09-1993 AU 640698 B2 02-09-1993 AU 640698 B2 02-09-1993 AU 640698 B2 02-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1998 DE 69011789 T2 15-12-1998 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
US 5591828 A 07-01-1997  WO 9311161 A 10-06-1993 AT 207080 T 15-11-2001  AU 3178993 A 28-06-1993							
AU 3178993 A 28-06-1993 CA 2122732 A1 10-06-1993 DE 69232137 D1 22-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 W0 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6027725 A 22-02-2000 US 6025165 A 15-02-2000 US 6103889 A 15-08-2000 US 6103889 A 15-08-2000 US 6515110 B1 04-02-2003 US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1994 DE 69011789 T2 15-12-1994 DE CA 1340250 C 15-12-1994 DE CA 19203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
CA   2122732 A1   10-06-1993     DE   69232137 D1   22-11-2001     DE   69232137 T2   29-05-2002     DK   617706 T3   12-11-2001     EP   1136556 A1   26-09-2001     EP   0617706 A1   05-10-1994     ES   2165851 T3   01-04-2002     JP   7501451 T   16-02-1995     W0   9311161 A1   10-06-1993     US   6027725 A   22-02-2000     US   6027725 A   22-02-2000     US   6025165 A   15-02-2000     US   6121424 A   19-09-2000     US   6121424 A   19-09-2000     US   613889 A   15-08-2000     US   6447776   B1   10-09-2002   DE   19629938 C1   27-11-1997     EP   0821060 A2   28-01-1998     US   2003054005 A1   20-03-2003     EP   0419203 A   27-03-1991   AT   110281 T   15-09-1998     AU   640698 B2   02-09-1993     AU   640698 B2   02-09-1994     DE   69011789 D1   29-09-1994     DE   69011789 D2   15-12-1998     DE   69011789 D3   29-09-1994     DE   69011789 D3   29-09-1994     ES   2063286 T3   01-01-1995     EF   0419203 A1   27-03-1991     ES   2063286 T3   01-01-1995     FI   921146 A   17-03-1992     IE   903360 A1   10-04-1991     IL   95723 A   31-08-1995     JP   7023326 B   15-03-1995	MO	9311161	A	10-06-1993			
DE 69232137 D1 22-11-2001 DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 W0 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 613889 A 15-08-2000 US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DF 419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
DE 69232137 T2 29-05-2002 DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 W0 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6121424 A 19-09-2000 US 612389 A 15-02-2000 US 6103889 A 15-02-2000 US 6515110 B1 04-02-2003  US 6515110 B1 04-02-2003  US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 DF 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1995 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
DK 617706 T3 12-11-2001 EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 W0 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6025165 A 15-02-2000 US 6103889 A 15-08-2000 US 6103889 A 15-08-2000 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1998 EP 0419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1995 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
EP 1136556 A1 26-09-2001 EP 0617706 A1 05-10-1994 ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 W0 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6103889 A 15-08-2000 US 6103889 A 15-08-2000 US 6515110 B1 04-02-2003  US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
ES 2165851 T3 01-04-2002 JP 7501451 T 16-02-1995 W0 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6025165 A 15-02-2000 US 6103889 A 15-08-2000 US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995					EP		26-09-2001
US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DK 419203 T3 05-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
W0 9311161 A1 10-06-1993 US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6025165 A 15-02-2000 US 6103889 A 15-08-2000 US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
US 6027725 A 22-02-2000 US 6121424 A 19-09-2000 US 6025165 A 15-02-2000 US 6103889 A 15-08-2000 US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DE 903160 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
US 6121424 A 19-09-2000 US 6025165 A 15-02-2000 US 6103889 A 15-08-2000 US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
US 6025165 A 15-02-2000 US 6103889 A 15-08-2000 US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DE 69011789 T2 15-12-1994 EP 0419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
US 5869620 A 09-02-1999 US 6515110 B1 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995					US		
US 6515110 B1 · 04-02-2003  US 6447776 B1 10-09-2002 DE 19629938 C1 27-11-1997 EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DE 69011789 T2 15-12-1994 DE 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
US 6447776  B1 10-09-2002  EP 0821060 A2 28-01-1998  JP 10127283 A 19-05-1998  US 2003054005 A1 20-03-2003  EP 0419203  A 27-03-1991  AU 640698 B2 02-09-1993  AU 6521490 A 18-04-1991  CA 1340250 C 15-12-1998  DE 69011789 D1 29-09-1994  DE 69011789 T2 15-12-1994  DE 69011789 T2 15-12-1994  DE 69011789 T2 15-12-1994  EP 0419203 A1 27-03-1991  ES 2063286 T3 01-01-1995  FI 921146 A 17-03-1992  IE 903360 A1 10-04-1991  IL 95723 A 31-08-1995  JP 7023326 B 15-03-1995							
EP 0821060 A2 28-01-1998 JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995					US	0212110 RI	04-02-2003
JP 10127283 A 19-05-1998 US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995	US	6447776	B1	10-09-2002		19629938 C1	
US 2003054005 A1 20-03-2003  EP 0419203 A 27-03-1991 AT 110281 T 15-09-1994 AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
AU 640698 B2 02-09-1993 AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995	EP	0419203		27-03-1991	AT	110281 T	15-09-1994
AU 6521490 A 18-04-1991 CA 1340250 C 15-12-1998 DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995		J.27200	•	00 1001			
DE 69011789 D1 29-09-1994 DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995					AU	6521490 A	
DE 69011789 T2 15-12-1994 DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995					CA	1340250 C	
DK 419203 T3 05-12-1994 EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
EP 0419203 A1 27-03-1991 ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
ES 2063286 T3 01-01-1995 FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
FI 921146 A 17-03-1992 IE 903360 A1 10-04-1991 IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995							
IL 95723 A 31-08-1995 JP 7023326 B 15-03-1995					FI	921146 A	17-03-1992
JP 7023326 B 15-03-1995							
UF 4000400   24-09-1992							
					UF	1 6646064	







Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0419203	A	· · · · · · · · · · · · · · · · · · ·	KR	9615611 B1	18-11-1996
			NO	920853 A	04-03-1992
			US	5612016 A	18-03-1997
			WO	9104056 A1	04-04-1991
			US	5601825 A	11-02-1997
			US	5328679 A	12-07-1994
			US	5541297 A	30-07-1996
			ZA	9007420 A	31-07-1991
US 5274119	Α	28-12-1993	NONE	هنده خون جنوب میدود میده دیده حدد است است بین بین بین بین در است	